New One, Two, and Three Family Construction Building Permits

Building permits are important when constructing a new home in order to ensure that your home meets all safety standards.

All information relating to online submittal and permit requirements for new one, two, and three family construction is available by stopping by City Hall and requesting a new construction building permit packet.

One, two, and three family new construction permits must be submitted through the Wisconsin Department of Safety and Professional Services Division of Industry Services Online Building Permit System.

- Go to: **dspsapps.wi.gov/buildingpermit/application**

Submit all required documents to City of Chilton.

New Home Construction Checklist

1. Online submittal of SBD-5823
2. R-1, R-2, or R-3 Building Permit Application
3. Application for Water Meter Unit
4. Driveway Permit
5. **Three sets of building plans** (one set each for City of Chilton, Building Inspector Office, Applicant)
   Plans should show
   a. Floor Plan
   b. Footing and Foundation Plan
   c. Plan Views – All Sides
   d. Full Cross Section Showing Footing, Foundation, Wall and Floor Detail and Roof Truss Detail
   e. Size of all Windows and Doors
   f. Braced Wall Line Plan
6. Plot Plan (showing Erosion Control, Size of Lot, Size of Structure on Lot with Setbacks and Side Yards
7. Energy Worksheet
8. Erosion Control Plan
9. Water Calculation Worksheet

Brian Witkowski, Building Inspector, should be contacted for notice of all required inspections 24 hours in advance by calling (920)849-9274 or (920)912-0832 or emailing witkoinspections@gmail.com.

Application For Building Permit - **NEW CONSTRUCTION ONLY**

Single Family Residential Home (R-1)

City of Chilton, 42 School Street, Chilton, WI 53014 Phone: (920)849-2451 Fax: (920) 849-2025

Permit Application No. _____ Today's Date _____

Tax Parcel I.D. No. (30 digits) _____ **or** Location I.D. # (5 digits) _____

Owner of Property _____

Mailing Address _____

Phone No. _____

Contractor's Name _____ License/Certification No. _____

Mailing Address _____

Phone No. _____

Project Location (Building Address) _____

Fee Schedule	**R-1 Single Family**
Base Fee (Up to 2,000 sq. ft.)	$350.00
Base Fee (2,000 to 5,000 sq. ft.)	$400.00
Base Fee (5,000 sq. ft. plus)	$500.00
Electrical Service	$55.00
Electrical	$100.00
Plumbing	$150.00
Water Softener - YES or NO	
Heating/ A.C.	$100.00
State of WI Stamp	$35.00
Escrow (refundable @ occupancy)	$500.00
Parkland Dedication Fee	$250.00
Administrative Review	$200.00
Driveway Permit	$50.00
TOTAL	

Inspections Required

- ☐ Footing
- ☐ Foundation
- ☐ U-G Plumbing
- ☐ Electric Service
- ☐ Erosion Control
- ☐ Rough-In
- ☐ Insulation
- ☐ Final

It is the Applicant's responsibility to know where lot lines are.

Applicant's Signature _____ **Date** _____

Property Owner or Agent of Property Owner

Brian Witkowski License #1469271
City of Chilton
42 School Street
Chilton, WI 53014
Phone: (920)849-9274 Office
Cell: (920)912-0832
witkoinspections@gmail.com

Office Use Only:

SBD-5823 (online entry only)

New Home Packet required with permit

Amount Paid _____ Receipt No. _____ By _____

Application fees are nonrefundable. Please be advised that this application is public information.

Municipality No 08-211 Cert No 894849 **REV 1 1 2021**

Application For Building Permit - **NEW CONSTRUCTION ONLY**

Two Family Residential (R-2)

City of Chilton, 42 School Street, Chilton, WI 53014 Phone: (920)849-2451 Fax: (920) 849-2025

Permit Application No. _____ Today's Date _____

Tax Parcel I.D. No. (30 digits) _____ **or** Location I.D. # (5 digits) _____

Owner of Property _____

Mailing Address _____

Phone No. _____

Contractor's Name _____ License/Certification No. _____

Mailing Address _____

Phone No. _____

Project Location (Building Address) _____

Fee Schedule	**R-2 Two Family**
Base Fee (Up to 2,000 sq. ft.)	$350.00
Base Fee (2,000 to 5,000 sq. ft.)	$400.00
Base Fee (5,000 sq. ft. plus)	$500.00
Electrical Service	$55.00
Electrical	$100.00
Plumbing	$150.00
Water Softener - YES or NO	
Heating/ A.C.	$100.00
State of WI Stamp	$35.00
Escrow (refundable @ occupancy)	$500.00
Parkland Dedication Fee	$400.00
Administrative Review	$200.00
Driveway Permit	$50.00
TOTAL	

Inspections Required

- ☐ Footing
- ☐ Foundation
- ☐ U-G Plumbing
- ☐ Electric Service
- ☐ Erosion Control
- ☐ Rough-In
- ☐ Insulation
- ☐ Final

It is the Applicant's responsibility to know where lot lines are.

Applicant's Signature _____ **Date** _____

Property Owner or Agent of Property Owner

Brian Witkowski License #1469271
City of Chilton
42 School Street
Chilton, WI 53014
Phone: (920)849-9274 Office
Cell: (920)912-0832
witkoinspections@gmail.com

Office Use Only:

SBD-5823 (online entry only)

New Home Packet required with permit

Amount Paid _____ Receipt No. _____ By _____

Application fees are nonrefundable. Please be advised that this application is public information.

Municipality No 08-211 Cert No 894849 **REV 1 1 2021**

Application For Building Permit - **NEW CONSTRUCTION ONLY**

Multi Family Residential (R-3) - For Use With Three Family Residential

City of Chilton, 42 School Street, Chilton, WI 53014 Phone: (920)849-2451 Fax: (920) 849-2025

Permit Application No. _____ Today's Date _____

Tax Parcel I.D. No. (30 digits) _____ **or** Location I.D. # (5 digits) _____

Owner of Property _____

Mailing Address _____

Phone No. _____

Contractor's Name _____ License/Certification No. _____

Mailing Address _____

Phone No. _____

Project Location (Building Address) _____

R-3

Fee Schedule		**Three Family**
Base Fee	(Up to 2,000 sq. ft.)	$350.00
Base Fee	(2,000 to 5,000 sq. ft.)	$400.00
Base Fee	(5,000 sq. ft. plus)	$500.00
Electrical Service		$55.00
Electrical		$100.00
Plumbing		$150.00
Water Softener - YES or NO		
Heating/ A.C.		$100.00
State of WI Stamp		$35.00
Escrow (refundable @ occupancy)		$500.00
Parkland Dedication Fee*	1 bed per unit	$200./unit
R-3 Per Bedroom Unit Rates ←	2 beds per unit	$250./unit
*can be negotiated with Common Council	3 beds per unit	$300./unit
Administrative Review		$200.00
Driveway Permit		$50.00
	TOTAL	

Inspections Required

- ☐ Footing
- ☐ Foundation
- ☐ U-G Plumbing
- ☐ Electric Service
- ☐ Erosion Control
- ☐ Rough-In
- ☐ Insulation
- ☐ Final

It is the Applicant's responsibility to know where lot lines are.

Applicant's Signature _____ **Date** _____

Property Owner or Agent of Property Owner

Brian Witkowski License #1469271
City of Chilton
42 School Street
Chilton, WI 53014
Phone: (920)849-9274 Office
Cell: (920)912-0832
witkoinspections@gmail.com

Office Use Only:

SBD-5823 (online entry only)

New Home Packet required with permit

Amount Paid _____ Receipt No. _____ By _____

Application fees are nonrefundable. Please be advised that this application is public information.

Water Calc. Worksheet _____

Name of Project

INFORMATION REQUIRED TO SIZE WATER SERVICE AND WATER DISTRIBUTION:

1-	Demand of building in water supply fixture units (WSFU);	(WSFU) _____
1.a.	Demand of building in WSFU converted to Gallons Per Minute: (Table SPS 382.40-3)	(GPM) _____
2-	Elevation difference from main or external pressure tank to building control valve; (feet)	_____
3-	Size of water meter (when required) 5/8"____ 3/4" ____ 1" ____ other____	_____
4-	Developed length from main or external pressure tank to building control valve;	(feet) _____
5-	Low pressure at main in street or external pressure tank.	(psi) _____

CALCULATE WATER SERVICE PRESSURE LOSS
(unnecessary for internal pressure tanks)

6- Low pressure at main in street or external pressure tank. (value of # 5 above) _____

7- Determine pressure loss due to friction in _____ inch diameter water service.
Water service piping material is _____
Pressure loss per 100 ft. = _____ X _____ (decimal equivalent of service length, i.e. 65 ft = 0.65) **Subtract value of "7"** _____
Subtotal _____

8- Determine pressure loss or gain due to elevation, (multiply the value of # 2 above by .434) **Subtract value of "8"** _____

9- Available pressure after the bldg. control valve. Subtotal _____

CALCULATE THE PRESSURE AVAILABLE FOR UNIFORM LOSS (VALUE OF "A")

B. Available pressure after the bldg. control valve. (from "9" above) Value of "B" _____

C. Pressure loss of water meter (when meter is required) **Subtract value of "C"** _____
Subtotal _____

D. Pressure at controlling fixture*.
(Controlling fixture is: _____). **Subtract value of "D"** _____
(*Contolling fixture is the fixture with the most demanding pressure to operate properly which includes the following when determining fixture performance; loss due to instantaneous water heaters, water treatment devices, and backflow preventers which serve the controlling fixture.) Subtotal _____

E. Difference in elevation between building control valve and the controlling fixture in feet; _____ X .434 psi/ft. **Subtract value of "E"** _____
Subtotal _____

Water Calc Worksheet _____

Name of Project

F. Pressure loss due to water treatment devices and backflow preventers which serve the controlling fixture. (Water softeners, filters, etc.)

(Pressure loss due to; _____).

F1. WSFU Downstream of Water Treatment Device; _____

F2. Convert wsfu to GPM using **Table 382.40-3**: _____

or

F3. Convert wsfu to GPM using **Table 382.40-3e*** _____
(For individual dwellings only)

F4. Refer to manuf. graph to obtain pressure loss: _____
(If no water treatment device enter "0")

Subtract value of F4 _____

Subtotal _____

G. Pressure loss through tankless water heaters, combination boiler / hot water heaters, heat exchangers which serve the controlling fixture;

Hot water WSFU's; _____ convert to; GPM = _____ (Table 382.40-3)
Refer to manufacturer's pressure loss graph to determine loss at the required GPM;

_____ pressure loss. **Subtract value of "G"** _____

Subtotal _____

H. Developed length from building control valve to controlling fixture in feet _____ X 1.5 **Divide by value "H"** _____

Subtotal _____

Multiply by: 100

A. Pressure available for uniform loss **"A" =** _____

Water distribution piping is: _____

*Note: The "A" value obtained by using Table 382.40-3e can only be used for an individual dwelling when sizing the water treatment device (water softeners, etc) and no hose bibbs, hydrants, or high flow fixtures are being served by the water treatment device.

Note: High flow fixtures are defined as fixtures that exceed a flow rate of 4 gpm @ 80 psi, and water velocity not exceeding 8 ft. per second.

Instructions For Completing The Water Calculation Worksheet SBD 6479 (R01/12)

1. Demand of building in water supply fixture units (WSFU). Add up WSFU's (Tables 382.40 - 1b & 2).

1.a. Demand of building in WSFU converted to Gallons Per Minute. Convert WSFU's to GPM (Table 382.40 - 3).

2. Determine difference in elevation from main or external pressure tank to building control valve. Ask purveyor depth of main in street, or ask pump installer depth of pipe at connection to external pressure tank.

3. Size of meter (if applicable). Ask purveyor for meter size for GPM demand.

4. Developed length in feet from main or external pressure tank to building control valve. Measure actual distance.

5. Determine low pressure at main in street, or at external pressure tank. Ask purveyor for the low residual pressure of water at address, or ask pump installer low pressure setting on switch.

6. Low pressure at main in street, or external pressure tank (as determined at # 5 above).

7. Determine pressure loss due to friction in the water service. Refer to SPS 382 Appendix Graphs A382.40(7) - 2 thru 11.

8. Determine the pressure loss or gain due to the difference in elevation between the main or external pressure tank and the building control valve. Measure difference in height (ft.) from the main or external pressure tank to the building control valve. Multiply height (ft.) by .434.

9. Available pressure after the building control valve (enter in line "B").

B. Available pressure after the building control valve (from line "9").

C. Determine pressure loss of water meter, SPS 382 Appendix Graph A382.40(7)-1 or provide manufacturer's loss curve.

D. Pressure at controlling fixture. This is the most demanding pressure required for a fixture to properly operate. Compare; 1. Required fixture pressure, 2. elevation of fixture, 3. developed length to fixture.

E. Determine difference in elevation between the building control valve and the controlling fixture. Measure difference in height (ft.) from the building control valve to the controlling fixture. Multiply height (ft.) by .434.

F. Pressure loss due to water treatment devices (water softeners, filters, etc.), and backflow preventers which serve the controlling fixture. Add up the WSFU's downstream of the water treatment device and convert to gpm using Table 382.40-3, or, Table 382.40-3e when serving an individual dwelling. Refer to manufacturer's graph to convert gpm to pressure loss through the WTD, and or a backflow preventer.

G. Pressure loss through tankless water heaters, combination boiler / hot water heaters, heat exchangers which serve the controlling fixture. Add up WSFU's downstream of the heating appliance and convert to GPM using Table 382.40-3. Refer to manufacturer's pressure loss graph to determine loss at the required GPM.

H. Developed length from building control valve to controlling fixture in feet X 1.5. This is the measured length (ft) of pipe between the building control valve and the controlling fixture. Multiply the length (ft) by 1.5.

A. = pressure available for uniform loss. This number is only an indicator for using the pipe sizing Tables 382.40-4 thru 11.

Table 382.40–1b
Water Supply Fixture Units for Nonpublic Use Fixtures

Type of Fixture[a]	Water Supply Fixture Units (wsfu)		
	Hot	Cold	Total
Automatic Clothes Washer	1.0	1.0	1.5
Bar Sink	0.5	0.5	1.0
Bathtub, with or without Shower Head	1.5	1.5	2.0
Bidet	1.0	1.0	1.5
Dishwashing Machine	1.0		1.0
Glass Filler		0.5	0.5
Hose Bibb:			
1/2" diameter		3.0	3.0
3/4" diameter		4.0	4.0
Kitchen Sink	1.0	1.0	1.5
Laundry Tray, 1 or 2 Compartment	1.0	1.0	1.5
Lavatory	0.5	0.5	1.0
Manufactured Home	—	15	15
Shower, Per Head	1.0	1.0	1.5
Water Closet, Flushometer Type		6.0	6.0
Water Closet, Gravity Type Flush Tank		2.0	2.0
Bathroom Groups:			
Bathtub, Lavatory and Water Closet–FM[b]	2.0	7.5	8.0
Bathtub, Lavatory and Water Closet–FT[c]	2.0	3.5	4.0
Shower Stall, Lavatory and Water Closet–FM	1.5	7.0	7.5
Shower Stall, Lavatory and Water Closet–FT	1.5	3.0	3.5

Table 382.40–3e
Conversion of Water Supply Fixture Units to Gallons Per Minute for Water Treatment Devices[a] Serving an Individual Dwelling[b]

Water Supply Fixture Units (WSFUs)	Gallons Per Minute (GPM)
1	1
2	2
3	3
4	4
5	4.5
6	5
7	6
8	6.5
25	7
35	8
40	9

[a] Treatment devices providing treatment for compliance with Table 382.70–1 shall use Table 382.40–3 for conversion.

[b] Table shall not be used for converting hose bibb, high flow fixture or hydrant wsfu.

Table 382.40–2

Water Supply Fixture Units for Public Use Fixtures

Type of Fixture[a]	Water Supply Fixture Units (wsfu)		
	Hot	Cold	Total
Automatic Clothes Washer, Individual	2.0	2.0	3.0
Automatic Clothes Washer, Large Capacity	b	b	b
Autopsy Table	2.0	2.0	3.0
Bathtub, With or Without Shower Head	2.0	2.0	3.0
Coffeemaker		0.5	0.5
Dishwasher, Commercial	b	b	b
Drink Dispenser		0.5	0.5
Drinking Fountain		0.25	0.25
Glass Filler		0.5	0.5
Health Care Fixtures:			
Clinic sink	2.0	7.0	7.0
Exam/treatment sink	0.5	0.5	1.0
Sitz bath	1.5	1.5	2.0
Surgeon washup	1.5	1.5	2.0
Hose Bibb:			
1/2" diameter		3.0	3.0
3/4" diameter		4.0	4.0
Icemaker		0.5	0.5
Lavatory	0.5	0.5	1.0
Shower, Per Head	2.0	2.0	3.0
Sinks:			
Bar and Fountain	1.5	1.5	2.0
Barber and Shampoo	1.5	1.5	2.0
Cup		0.5	0.5
Flushing Rim		7.0	7.0
Kitchen and Food Preparation per faucet	2.0	2.0	3.0
Laboratory	1.0	1.0	1.5
Service sink	2.0	2.0	3.0
Urinal:			
Syphon Jet		4.0	4.0
Washdown		2.0	2.0
Wall Hydrant, Hot and Cold Mix:			
1/2" diameter	2.0	2.0	3.0
3/4" diameter	3.0	3.0	4.0
Wash Fountain:			
Semicircular	1.5	1.5	2.0
Circular	2.0	2.0	3.0
Water Closet:			
Flushometer		6.5	6.5
Gravity Type Flush Tank		3.0	3.0

[a] For fixtures not listed, factors may be assumed by comparing the fixture to a listed fixture which uses water in similar quantities and at similar rates.
[b] Load factors in gallons per minute, gpm, based on manufacturer's requirements.

Table 382.40–3

Conversion of Water Supply Fixture Units to Gallons Per Minute

Water Supply Fixture Units	Gallons per Minute	
	Predominately Flushometer Type Water Closets or Syphon Jet Urinals	Predominately Flush Tank Type Water Closets or Washdown Urinals
1	—	1
2	—	2
3	—	3
4	10	4
5	15	4.5
6	18	5
7	21	6
8	24	6.5
9	26	7
10	27	8
20	35	14
30	40	20
40	46	24
50	51	28
60	54	32
70	58	35
80	62	38
90	65	41
100	68	42
120	73	48
140	78	53
160	83	57
180	87	61
200	92	65
250	101	75
300	110	85
400	126	105
500	142	125
600	157	143
700	170	161
800	183	178
900	197	195
1000	208	208
1250	240	240
1500	267	267
1750	294	294
2000	321	321
2250	348	348
2500	375	375
2750	402	402
3000	432	432
4000	525	525
5000	593	593

Note: Values not specified in the table may be calculated by interpolation.

Wisconsin Chilton

The City of Chilton
42 School St.
Chilton, WI 53014
www.chilton.govoffice.com
info@chilton.govoffice.com
(920) 849-2451 (phone); (920) 849-2025 (fax)

Application For Water Meter Unit

Application No._____ Date_____

I request the City of Chilton Water Department to install a water meter unit at the following address:

_____

Chilton, Wisconsin

Folio No._____

_____ _____

Signature of Property Owner Date

_____ _____

Signature of Director of Public Works Date

REV 3 2012

16.07 ZONING DISTRICT REGULATIONS

The following table shows the basic regulations for each zoning district. Refer to Section 16.08 for clarifications and exceptions as noted by an asterisk (*) in the table.

Zoning District		Lot Size		Min Setbacks (Ft)			Min Open Space (% of Lot)	Max Building Height (Ft)*
		Min Area	Min Width (Ft)	Front*	Side* (Single/ Abutting Street/ Combined Sides)	Rear*		
R-C	Rural Character	1 Acre (Max Area: 1.5 Acre; Max Residential Units per Parcel: 2)*	150	50	20/50/50	50	70%	40
R-1	Single-Family Residential	7,200 SF	60	25	8/20/20	25	25%	45/ 3 Stories
R-2	One & Two-Family Residential	4,500 SF/ Unit	60	25	8/20/20	25	25%	45/ 3 Stories
R-D	Two-Family Residential	4,500 SF/ Unit	60	25	8/20/20	25	25%	45/ 3 Stories
R-3	Multi-Family Residential	3-4 Unit Structure: 8,000 SF/Unit 5+ Units: 2,000 SF/ Unit (efficiency); 2,500 SF/ Unit (one-bedroom); 3,000 SF/ Unit (two+ bedrooms)*	60	25	8/20/20	25	35%	45/ 3 Stories
R-MF-D	Multi-Family Residential (Downtown)	6,000 SF	40	0	- /10/ -	25	10%	45/ 3 Stories
R-MH	Manufactured Home	Per Code Chapter 6.05 which is incorporated herein by reference as if fully set forth herein.						
C-1	General Business	15,000 SF	100	15	7/15/15 Adjacent to Residential Districts: Additional 2 Ft + 1 Ft/Story Over 2	20 (1 Story) 25 (2+ Stories)	10%	45/ 3 Stories
C-2	Central Business	All uses exempt from lot size, lot width, yard, and off-street parking requirements.						
I-1	Limited Industry	5,000 SF	50	15	10/15/20	25	10%	75/ 6 Stories
I-2	General Industry	5,000 SF	50	15	10/15/20	25	10%	75/ 6 Stories
C	Conservancy	No building shall be erected or structurally altered, unless otherwise provided in this Chapter.						
PUD	Planned Unit Development	See Section 16.11.						

City of Chilton

Application to Construct and Reconstruct Sidewalk or Driveway Within Right-Of-Way

Date: _____ **$50.00 (Residential, Rural Character, Commercial, Industrial, Temporary Permit)**
Permit Fee (nonrefundable):

Property Owner Name:_____ **Address:** _____

Property Owner or Contractor Signature: _____

Permission for the above application granted on _____, **20**____. **Work must be completed according to the specifications below within six months from the date the application is approved. If work does not commence within six months reapplication is necessary. Call Director of Public Works at 849-2451 for an inspection before sidewalk or driveway is poured.**

_____ **Receipt No.** _____
Director of Public Works Signature

==========

SPECIFICATIONS

A. **Driveway Top Width:**
Residential or Rural Character - minimum of 10 feet and maximum of 24 feet
Commercial or Industrial - minimum of 10 feet and maximum of 35 feet
The driveway should be a minimum of 3 feet from the property line. The entire driveway roadway and its appurtenances shall be contained within the frontage along the street of the property served unless otherwise approved by the Director of Public Works.

B. **All driveways shall be constructed so as to ingress and egress the city street at an angle of 90 degrees to the city street, unless otherwise approved by the Director of Public Works.**

C. **A driveway shall not provide direct ingress or egress to or from a city street intersection, and shall be no less than 30 feet from end-of-corner radius where curb and gutter is installed or 30 feet from the intersecting right-of-way on streets with no curb and gutter.**

D. **All driveways shall be constructed at the base with a minimum of six inches of crushed stone or gravel upon the traveled portion in residential, commercial, industrial or rural character areas.**

E. **Concrete approaches or aprons shall be required within the street right-of-way in curb and gutter areas. On existing curbs where driveway or apron is to be installed a horizontal curb cut shall be required. A minimum of 6 inches for residential areas and 8 inches for commercial, industrial or rural character areas. If the approach and sidewalk are not installed completely according to City specifications one year after permit is issued, the City will have it installed and the cost of installation will be billed to the property owner.**

F. **Driveways shall not obstruct or impair drainage in highway side ditches or roadside areas. A culvert shall consist of a corrugated metal culvert pipe with apron end walls. The culvert length shall be determined by the Director of Public Works. The culvert and apron end walls shall be furnished by the property owner.**

G. **All driveways, in open ditch streets, shall be constructed or reconstructed to have sloped sides, unless the streets have curb & gutter. Such construction shall be accomplished using only soil materials. The side slopes of the driveway shall be sloped at no more than a length-to-height grade ratio of 4:1. All slopes shall be seeded or sodded by the property owner. Culvert size shall be a minimum of 18 inches.**

H. **The restricted area between successive driveways may be filled in or graded down only if the following requirements are fully complied with: The filling in or grading down shall be to grades approved by the Director of Public Works except where street drainage is by means of curb and gutter, in which case water drainage of the area shall be directed away from the street roadbed in a manner approved by the Director of Public Works.**

I. **The Director of Public Works may impose any other requirements deemed necessary in regards to the construction of any driveway so as to promote the safe and efficient ingress and egress to the street and to protect the public investment in the street.**

CITY SPECIFICATIONS MUST BE FOLLOWED FOR TRANSVERSED AND LONGITUDINAL GRADE, THICKNESS AND MIX
Any Special Conditions:_____

SEE REVERSE SIDE

Walk and Driveway Detail

All sidewalk widths shall, when installed, conform to the following minimum standards:

Single Family 4.5 ft
Multi Familyand Public Building Sites 5 ft
Commercial 6 ft
Industrial 5 ft